



SUMMARY OF CY 2019 PROGRAM OF WORK (POW)

Attachment "A"

REGION/PMO : Region IV-A / Quezon IMO		Program No. : 1	
PROJECT TITLE : RRECIS		Date: Oct-18	
NAME OF SYSTEM/PROJECT : AYUTI CIS			
SYSTEM CATEGORY (NIS/CIS,NIP/SIP) : CIS			
PROJECT DESCRIPTION : Construction of Canal Structures and Canal Lining			
<b>I GENERAL INFORMATION</b>			
1. Project Location		6. Overall Project Cost (P)	
a. Region	IV- A	a. GOP	
b. Province/	Lucban	b. Loan Proceeds	
City / Municipality	Quezon	c. Others (Equity,etc.)	
District	I	TOTAL	
2. Service area/	30 has.		
Designed area (Ha.)		7. Physical Target (Overall)	
3. Source of Water	Matanda Spring	a. New Area (Ha.)	
3. a. Drainage Area		b. Restored Area (Ha.)	
3. b. Dependable Flow		c. Repair works (Ha.);(specific for rehab.)	
4. Type of Irrigation		d. Other Activities: (pls. specify) <b>CONC LINING - 1.13 KM (MC, MFD)</b> <b>HDPE PIPELINE - 0.08 KM</b>	
	5. PT of Diversion	8. Overall Implementation Schedule	
a. Run off the River	Latitude 14-07-28	Longitude 121-30-40	
b. Reservoir		a. Physical Starting Date	
c. Ground Water Pump		b. Completion Date	
d. Others (surface pump)	/		
<b>II WORK TO BE DONE (OVERALL Program)</b>			
1. Performance Weight		4. Physical Target	
a. Contract Works (Civil Works)	94.91%	a. New Area (Ha.)	
b. Force Account Works	0.00%	b. Restored Area (Ha.)	
c. Others	5.09%	c. Repair works (specific for rehab.)	
TOTAL		d. Other Activities: (Pls. specify)	
2. Starting Date:	upon release of fund		
3. No. of days to Complete	150 days		
<b>III BREAKDOWN OF CURRENT YEAR PROGRAM</b>			
	Field Office	Central Office	Total
<b>DIRECT COST</b>			
I. CIVIL WORKS			
a. Contract Works	4,745,537.49		4,745,537.49
b. Force Account Works			
2. INSTITUTIONAL DEV'T PROGRAM			
	75,000.00		75,000.00
3. CONSTRUCTION SURVEY			
	29,462.51		29,462.51
4. PARCELLARY MAPPING/ SURVEY			
5. RIGHT OF WAY ACQUISITION PLANT/PROPERTY DAMAGES			
6. PROCUREMENT OF EQUIPMENT & VEHICLES			
7. FIELD SUPPORT, SUPERVISION & MONITORING			
	150,000.00		150,000.00
8. CONSULTING SERVICES			
9. TAXES (For selected FAPs)			
10. CONTINGENCIES			
<b>TOTAL DIRECT COST</b>			<b>5,000,000.00</b>
<b>IV. SOURCES OF FUNDS</b>			
A. CAPITAL OUTLAY			
1. GOP			
2. Loan Proceeds			

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Division Manager A

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Acting Regional Manager

**PROJECT COST AND QUANTITIES DETAILED BREAKDOWN  
CURRENT YEAR 2019 / OVERALL PROGRAM OF WORK  
AYUTI CIS / Lucban, Quezon**

Attachment D

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ESTIMATED DIRECT COST		INDIRECT COST				TOTAL	
				UNIT COST	TOTAL EDC	OCM	PROFIT	VAT	TOTAL	UNIT COST	PROJECT COST
<b>A.</b>	<b>Direct Cost</b>										
	<b>1. Civil Works</b>										
	1. Contract Works										
	<b>I. CANAL STRUCTURES</b>										
	1 Class "A" Conc. (Barrel)	cu.m	49.18	12,806.65	629,831.05	1,921.00	1,280.67	800.42	4,002.09	16,808.74	826,653.83
	2 Class "B" Conc. (Flooring)	cu.m	96.83	8,179.60	792,030.67	1,226.94	817.96	511.23	2,556.14	10,735.74	1,039,541.70
	3 Class "B" Conc. Wall/ TB/Cover	cu.m	181.34	10,229.10	1,854,944.99	1,534.37	1,022.91	639.32	3,196.59	13,425.69	2,434,614.62
	4 8" dia. X 6m HDPE PIPE (SDR11)	pcs.	12.00	13,162.05	157,944.60	1,974.31	1,316.21	822.63	4,113.15	17,275.20	207,302.40
	5 90 deg. X 8" dia. Elbow Pipe	pcs.	4.00	4,888.15	19,552.60					4,888.15	19,552.60
	6 Str. Excavation (Man)	cu.m	655.00	168.75	110,531.25	25.31	16.88	10.55	52.74	221.49	145,075.95
	7 Str. Backfill (Man)	cu.m	493.00	112.50	55,462.50	16.88	11.25	7.03	35.16	147.66	72,796.38
	<b>TOTAL</b>				<b>3,620,297.66</b>						<b>4,745,537.49</b>
	<b>TOTAL CIVIL WORKS</b>				<b>3,620,297.66</b>						<b>4,745,537.49</b>
	<b>2. Institutional Development Program</b>	l.s.	1.00		75,000.00					75,000.00	75,000.00
	<b>TOTAL</b>				<b>75,000.00</b>						<b>75,000.00</b>
	<b>3. Construction Survey</b>	l.s.	1.00		29,462.51					29,462.51	29,462.51
	<b>TOTAL</b>				<b>29,462.51</b>						<b>29,462.51</b>
	<b>4. Parcellary Survey</b>	l.s.	1.00								
	<b>TOTAL</b>										
	<b>5. Field Support, Supervision &amp; Monitoring</b>	l.s.	1.00		150,000.00					150,000.00	150,000.00
	<b>TOTAL</b>				<b>150,000.00</b>						<b>150,000.00</b>
<b>B.</b>	<b>INDIRECT COST</b>										
	Contingency										
	<b>TOTAL</b>										
	<b>GRAND TOTAL</b>				<b>3,874,760.17</b>						<b>5,000,000.00</b>

# MASTERLIST OF ITEMS OF WORK

AYUTI CIS  
Lucban, Quezon

RRECIS CY 2019

PARTICULAR ITEM OF WORKS											
NAME OF STRUCTURES	NAME OF CANAL	STATION		Length of Canal m	Class "A" Conc. (Barrel) cu.m	Class "B" Conc. (Flooring) cu.m	Class "B" Conc. Wall/ TB/Cover cu.m	8" dia. X 6m HDPE PIPE (SDR11) pcs.	90 deg. X 8" dia. Elbow Pipe pcs.	Str. Excavation (Man) cu.m	Str. Backfill (Man) cu.m
		FROM	TO								
<b>I. Civil Works</b>											
1 Prop. Canal Lining	Main Canal	0+000.00	0+020.00	20.00	-	1.98	3.27	-	-	11.00	8.00
Prop. Barrel	Main Canal	0+020.00	0+128.00	108.00	49.18	-	-	-	-	50.00	47.00
3 Prop. Canal Lining w/ Cover	Main Canal	0+140.00	0+328.00	188.00	-	21.02	44.46	-	-	128.00	85.00
4 Prop. Canal Lining w/ Cover	Main Canal	0+341.00	0+420.00	79.00	-	8.83	18.69	-	-	59.00	35.00
5 Prop. Canal Lining	Main Canal	0+420.00	0+440.00	20.00	-	1.98	3.25	-	-	10.00	9.00
6 Prop. Canal Lining w/ Cover	Main Canal	0+440.00	0+486.00	46.00	-	4.55	10.28	-	-	21.00	21.00
7 Prop. Canal Lining w/ Cover	Main Canal	0+506.00	0+555.00	49.00	-	4.97	11.08	-	-	24.00	22.00
8 Prop. Canal Lining	Main Canal	0+572.00	0+595.00	23.00	-	2.27	3.15	-	-	11.00	10.00
9 Prop. Canal Lining	Main Canal	0+605.00	0+620.00	15.00	-	1.29	2.05	-	-	14.00	6.00
10 Prop. Canal Lining	Main Canal	0+633.00	0+640.00	7.00	-	0.60	0.95	-	-	5.00	2.00
11 Prop. Canal Lining w/ Cover	Main Canal	0+645.00	0+660.00	15.00	-	1.29	2.77	-	-	9.00	6.00
12 Prop. Canal Lining	Main Canal	0+660.00	0+760.00	100.00	-	8.58	13.67	-	-	60.00	38.00
13 Prop. Canal Lining w/ Cover	MFD-MC/Sitio Aligwayan	0+000.00	0+060.00	60.00	-	5.15	11.07	-	-	32.00	22.00
14 Prop. Canal Lining	MFD-MC/Sitio Aligwayan	0+060.00	0+160.00	100.00	-	8.58	13.67	-	-	29.00	37.00
15 Prop. Canal Lining w/ Cover	MFD-MC/Sitio Aligwayan	0+160.00	0+200.00	40.00	-	3.43	7.38	-	-	18.00	14.00
16 Prop. Canal Lining	MFD-MC/Sitio Aligwayan	0+200.00	0+460.00	260.00	-	22.31	35.53	-	-	129.00	99.00
18 Prop. Pipeline	MFD-MC/Sitio Banban	0+157.00	0+202.00	45.00	-	-	0.03	6.00	-	19.00	13.00
Prop. Pipeline	MFD-MC/Sitio Banban	0+261.00	0+297.00	36.00	-	-	0.03	6.00	4.00	26.00	19.00
<b>TOTAL</b>				<b>1211.00</b>	<b>49.18</b>	<b>96.83</b>	<b>181.34</b>	<b>12.00</b>	<b>4.00</b>	<b>655.00</b>	<b>493.00</b>

→ 0+157-0+169 = 2 } 5.33  
 0+182-0+202 = 20 } 5.33  
 → 0+261-0+285 = 24 } 5.17  
 0+290-0+297 = 7 } 5.17